

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031379.D
 Acq On : 16 Sep 2022 02:19
 Operator : JC/MD
 Sample : VX0915WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBL02

Quant Time: Sep 16 05:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

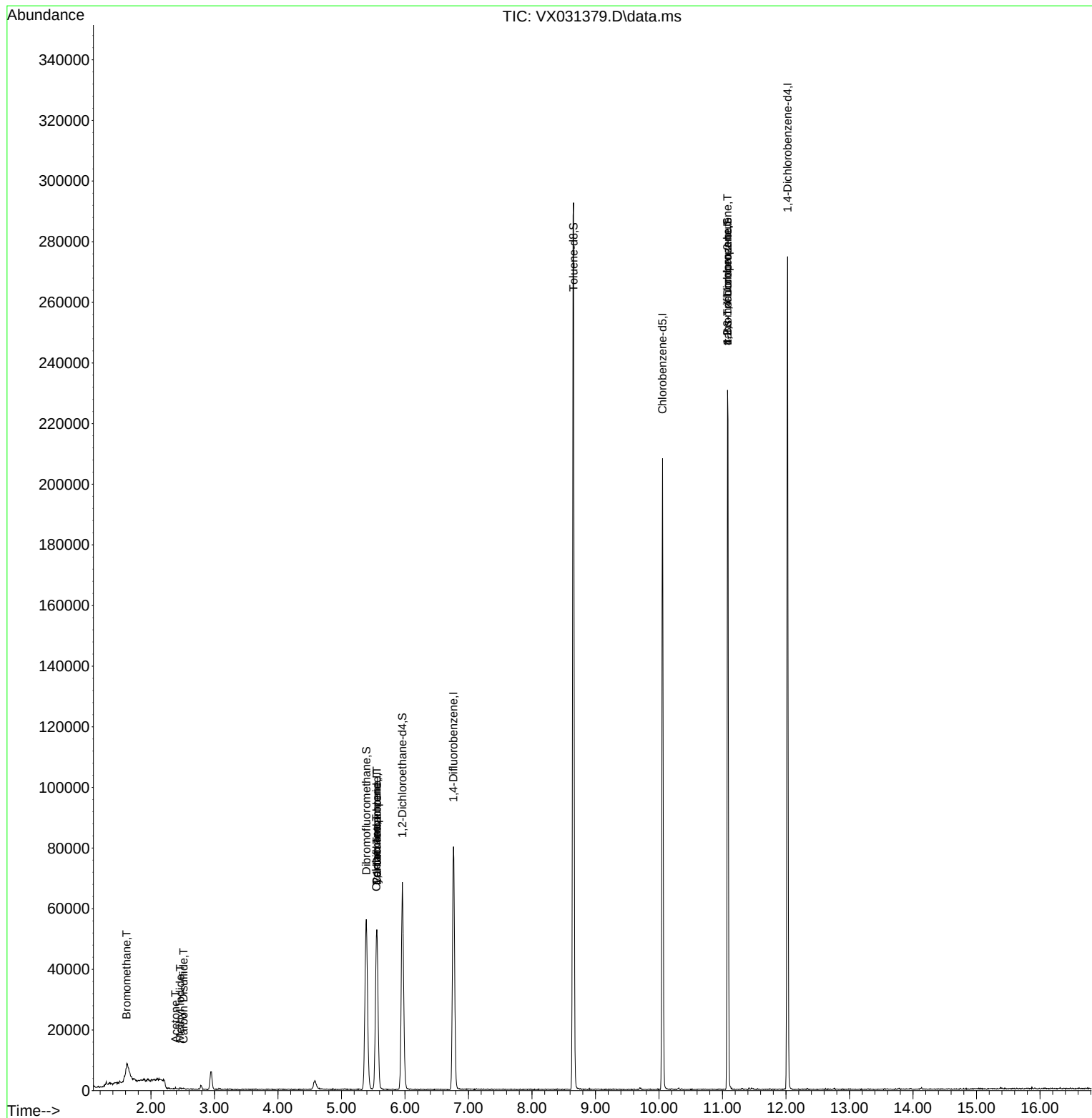
Internal Standards						
1) Pentafluorobenzene	5.556	168	50732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	81216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58529	47.002	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.000%		
35) Dibromofluoromethane	5.391	113	46439	53.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.380%		
50) Toluene-d8	8.653	98	172045	52.536	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.080%		
62) 4-Bromofluorobenzene	11.079	95	53901	44.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.900%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	58	Below Cal	#	41
5) Bromomethane	1.618	94	594	0.894	ug/l	87
10) Methyl Iodide	2.459	142	312	1.282	ug/l #	73
11) Tert butyl alcohol	2.941	59	3319	Below Cal	#	74
16) Acetone	2.386	43	420	0.790	ug/l #	84
17) Carbon Disulfide	2.514	76	463	1.148	ug/l #	75
20) Methylene Chloride	2.794	84	536	Below Cal	#	73
21) trans-1,2-Dichloroethene	3.087	96	113	Below Cal	#	24
31) Cyclohexane	5.550	56	1379	1.031	ug/l #	56
36) 1,1-Dichloropropene	5.556	75	4162	3.483	ug/l #	49
38) Carbon Tetrachloride	5.556	117	5142	3.959	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	31146	23.337	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31146	64.573	ug/l #	11

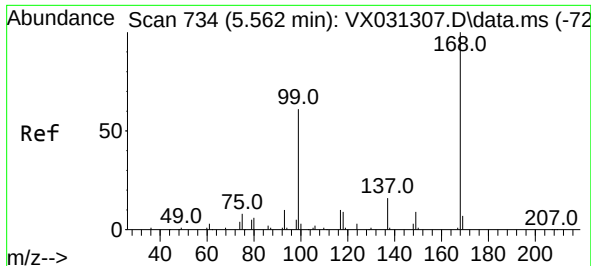
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
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Quant Title : SW846 8260
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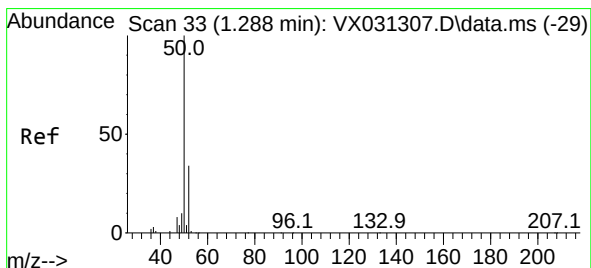
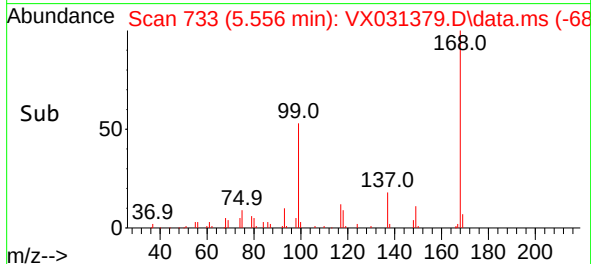
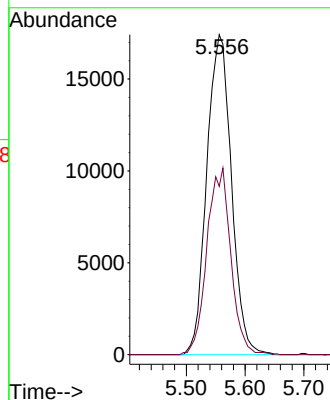
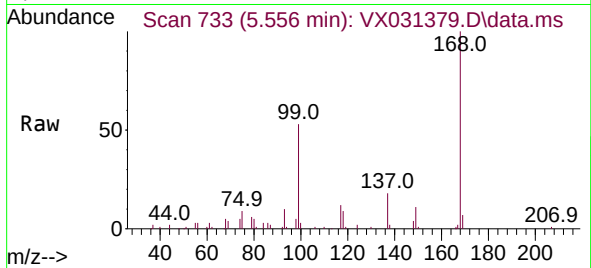




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

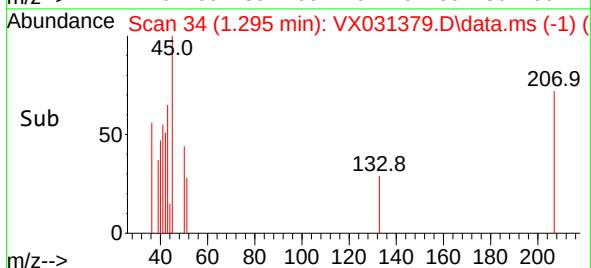
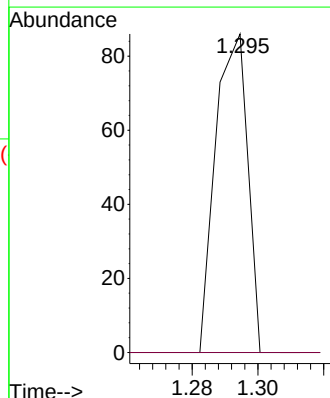
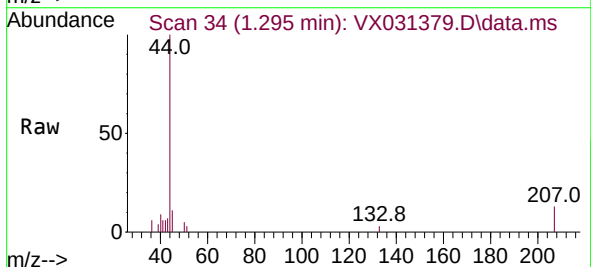
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL02

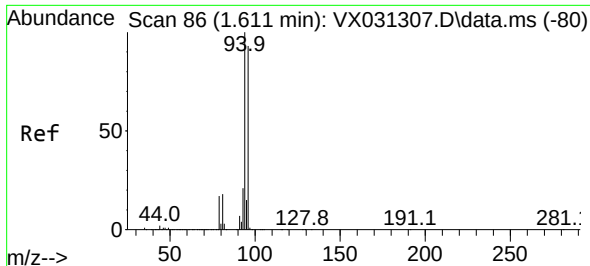
Tgt Ion:168 Resp: 50732
Ion Ratio Lower Upper
168 100
99 52.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#5

Bromomethane

Concen: 0.894 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

Instrument :

MSVOA_X

ClientSampleId :

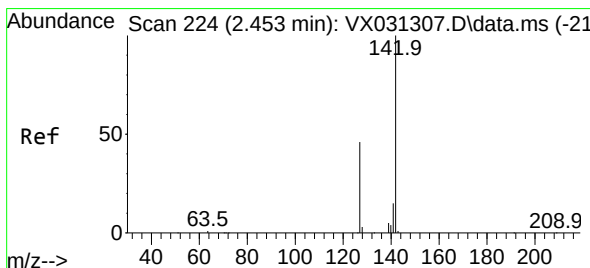
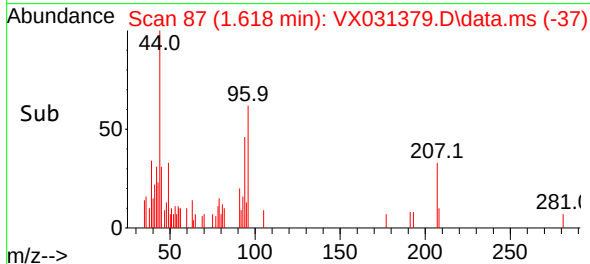
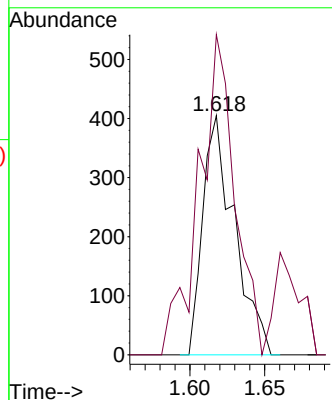
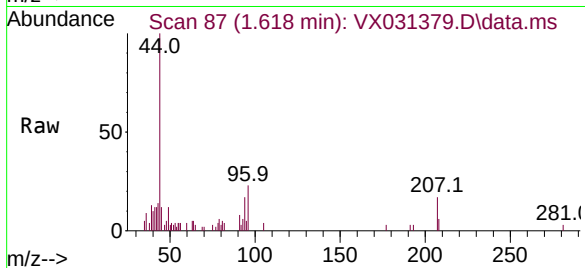
VX0915WBL02

Tgt Ion: 94 Resp: 594

Ion Ratio Lower Upper

94 100

96 105.7 74.4 111.6



#10

Methyl Iodide

Concen: 1.282 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

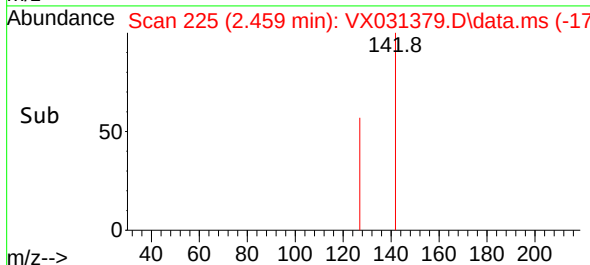
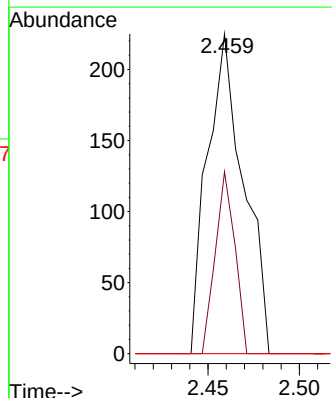
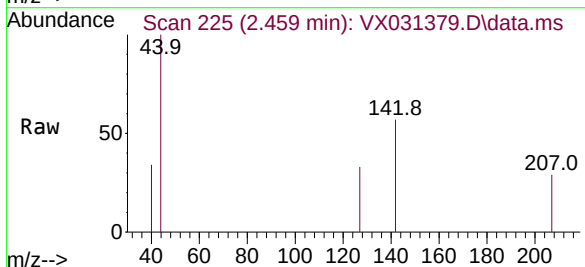
Tgt Ion: 142 Resp: 312

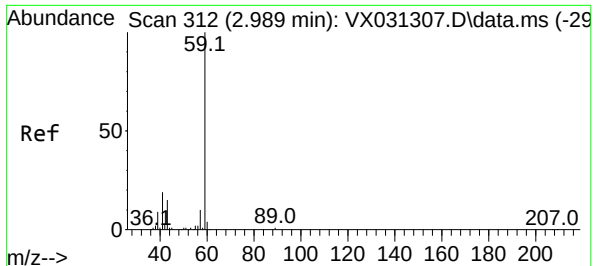
Ion Ratio Lower Upper

142 100

127 30.4 37.4 56.0#

141 0.0 11.6 17.4#

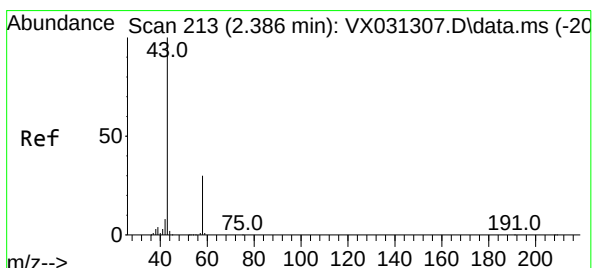
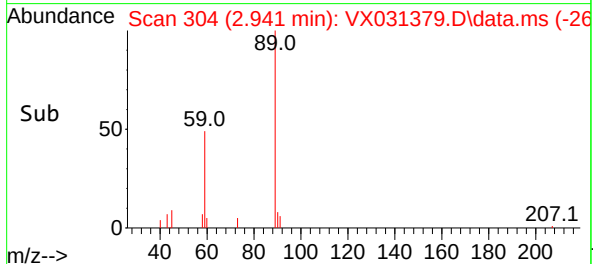
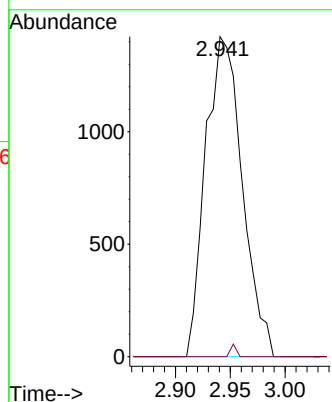
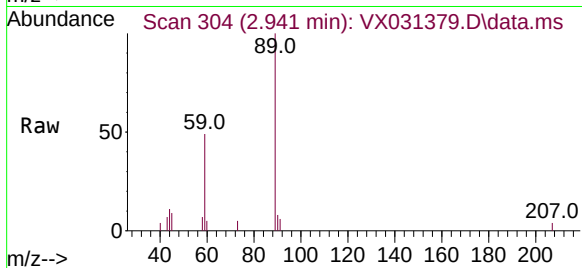




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

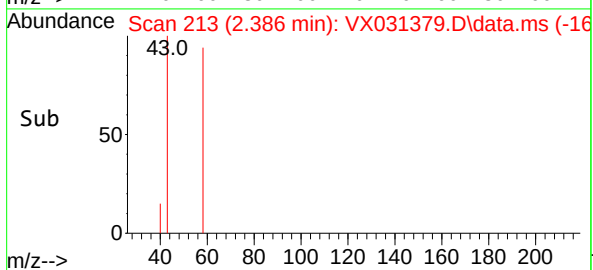
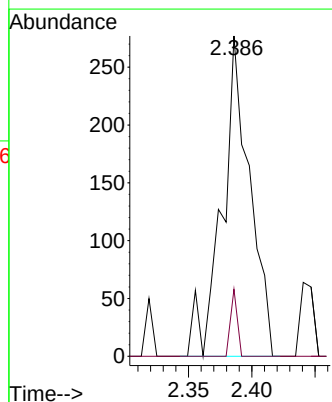
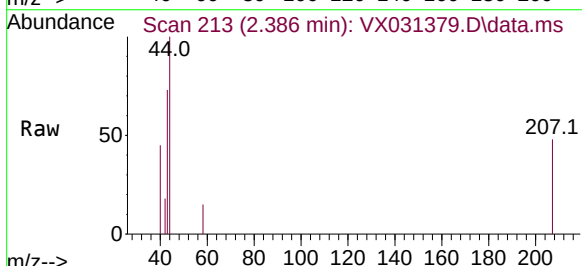
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL02

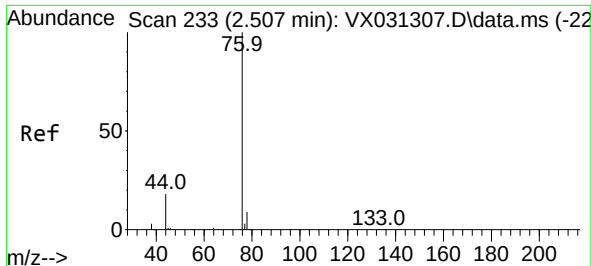
Tgt Ion: 59 Resp: 3319
Ion Ratio Lower Upper
59 100
57 0.6 8.2 12.2#



#16
Acetone
Concen: 0.790 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 20.9 23.8 35.8#





#17

Carbon Disulfide

Concen: 1.148 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

Instrument :

MSVOA_X

ClientSampleId :

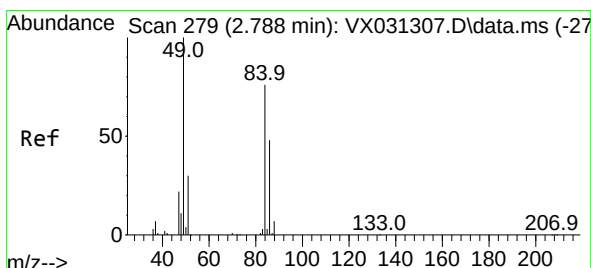
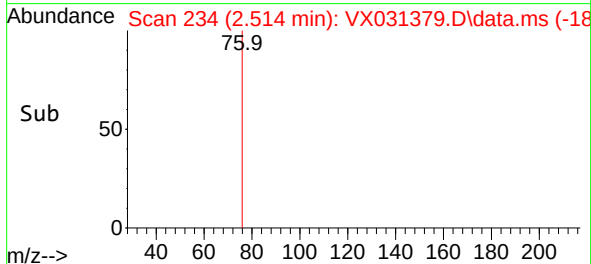
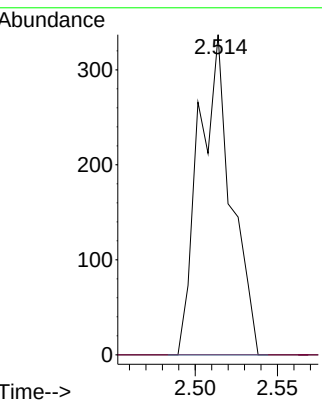
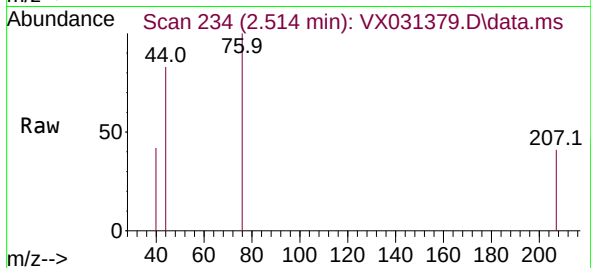
VX0915WBL02

Tgt Ion: 76 Resp: 463

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

Tgt Ion: 84 Resp: 536

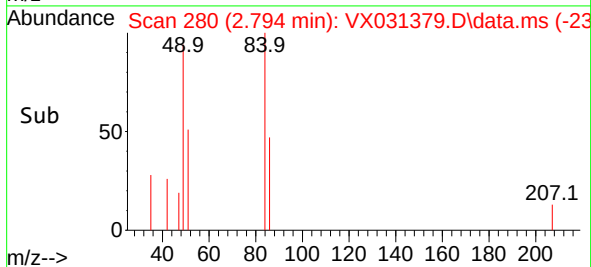
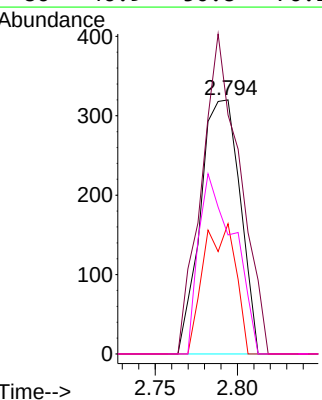
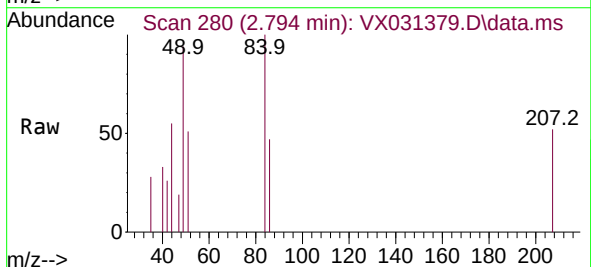
Ion Ratio Lower Upper

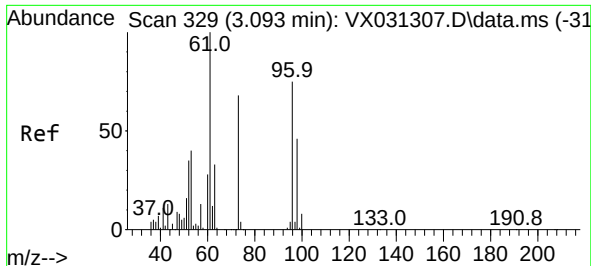
84 100

49 94.1 105.9 158.9#

51 51.2 32.2 48.2#

86 46.9 50.8 76.2#

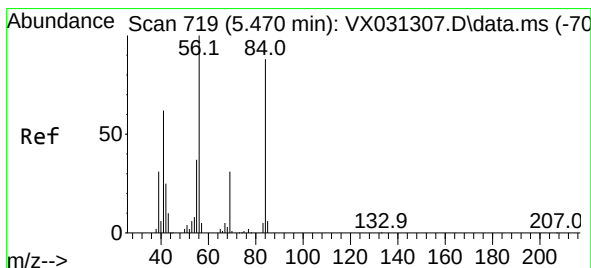
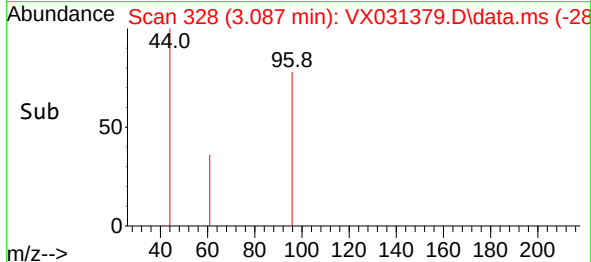
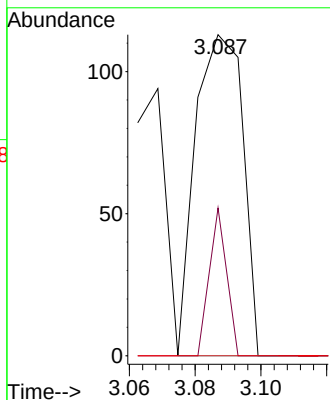
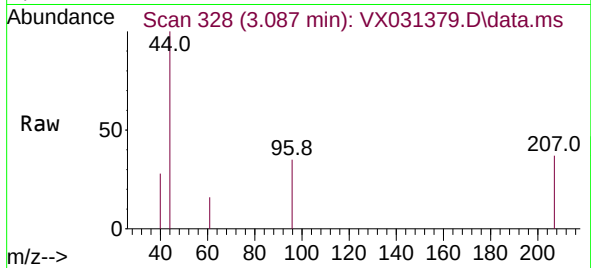




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

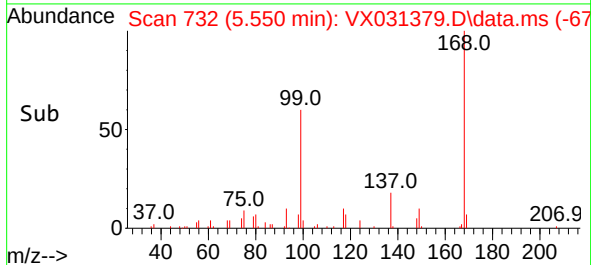
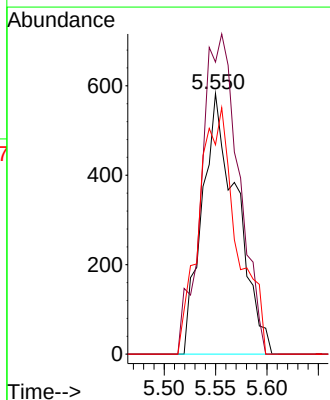
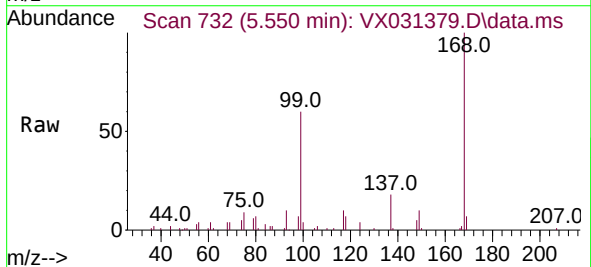
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL02

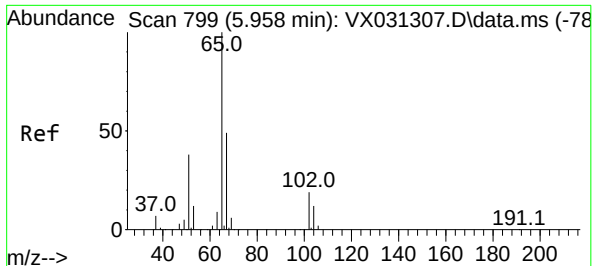
Tgt Ion: 96 Resp: 113
Ion Ratio Lower Upper
96 100
61 46.0 106.7 160.1#
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

Tgt Ion: 56 Resp: 1379
Ion Ratio Lower Upper
56 100
69 112.0 25.1 37.7#
84 80.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 47.002 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

Instrument :

MSVOA_X

ClientSampleId :

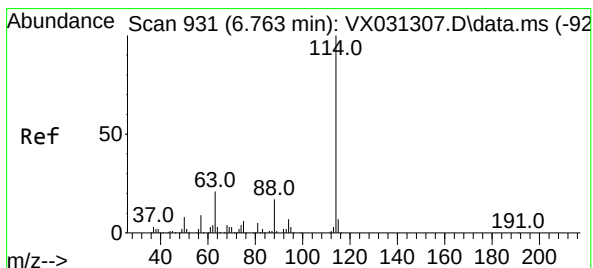
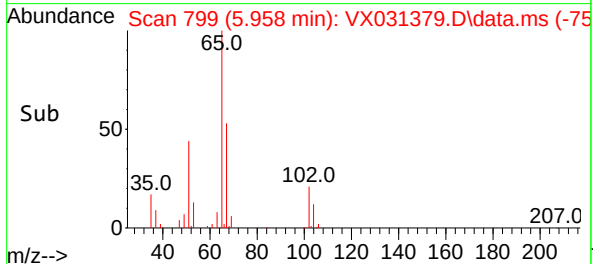
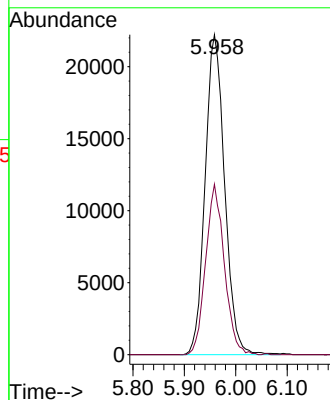
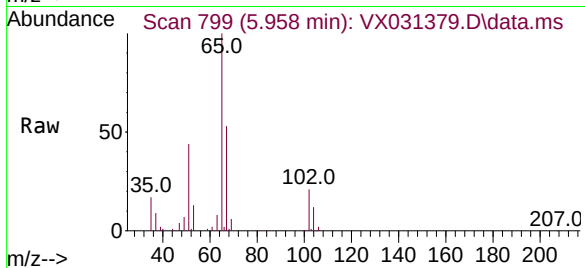
VX0915WBL02

Tgt Ion: 65 Resp: 58529

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031379.D

Acq: 16 Sep 2022 02:19

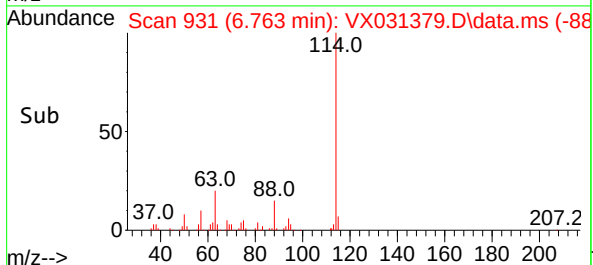
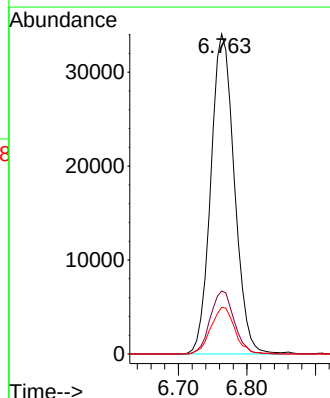
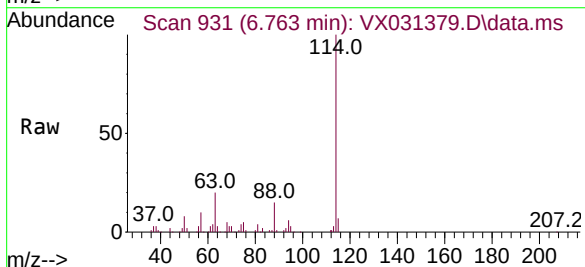
Tgt Ion: 114 Resp: 81216

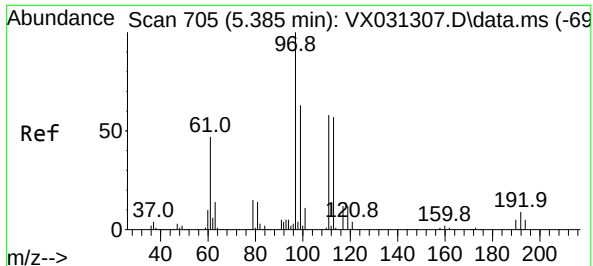
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 14.5 0.0 33.0

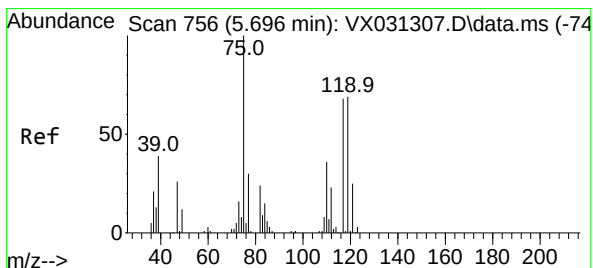
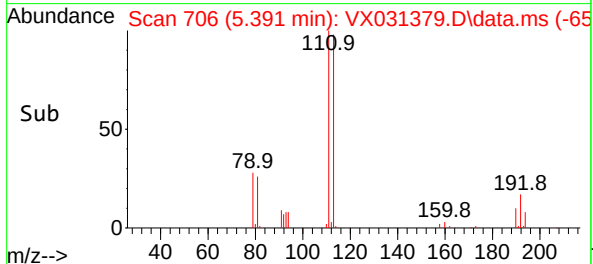
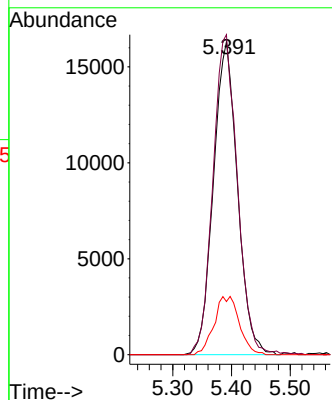
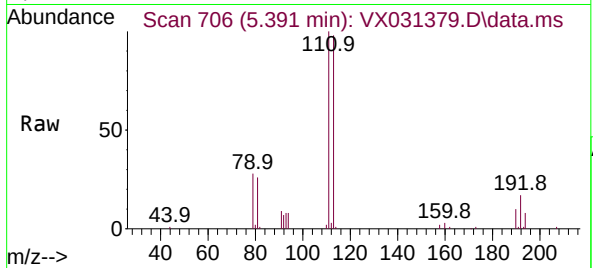




#35
 Dibromofluoromethane
 Concen: 53.194 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX031379.D
 Acq: 16 Sep 2022 02:19

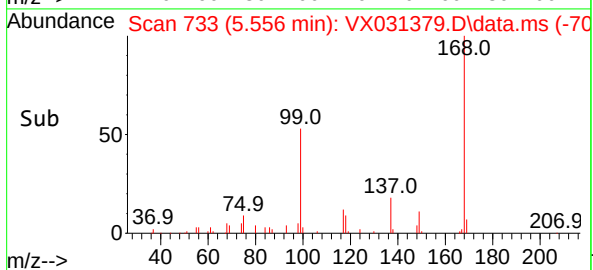
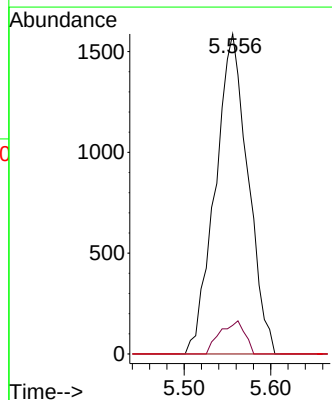
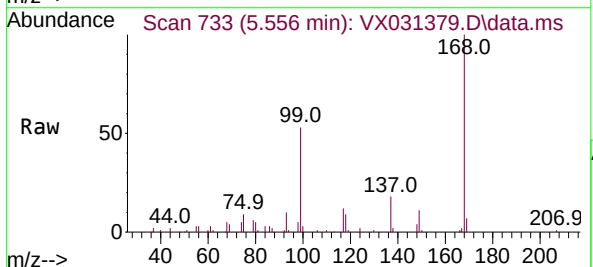
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBL02

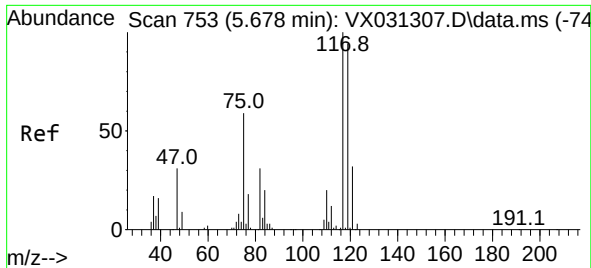
Tgt Ion:113 Resp: 46439
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 19.5 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 3.483 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX031379.D
 Acq: 16 Sep 2022 02:19

Tgt Ion: 75 Resp: 4162
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.5 52.5#
 77 0.0 24.9 37.3#

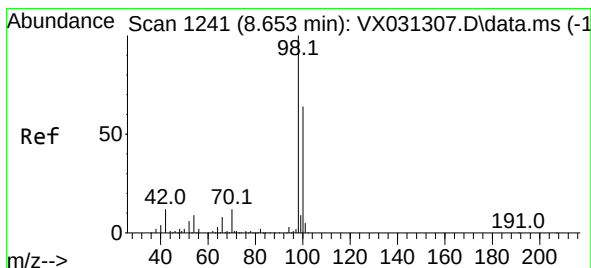
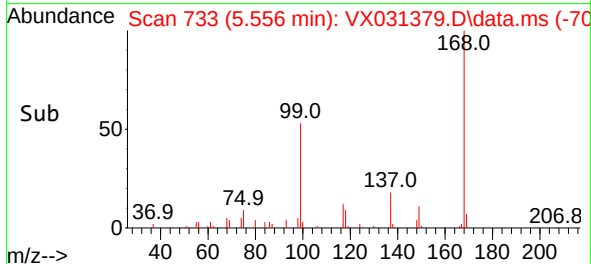
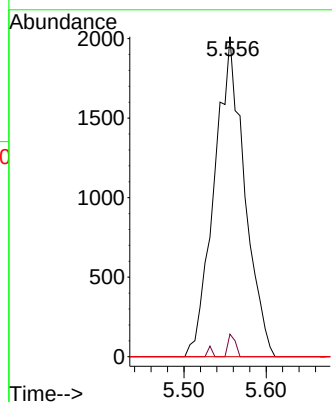
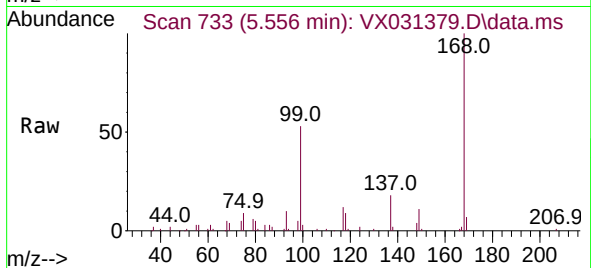




#38
Carbon Tetrachloride
Concen: 3.959 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

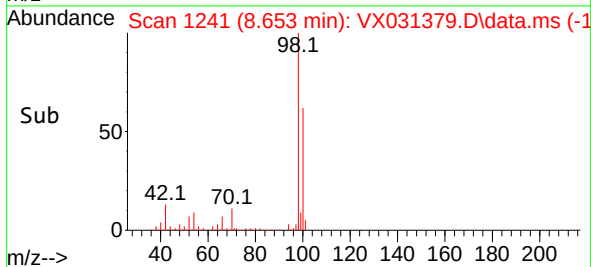
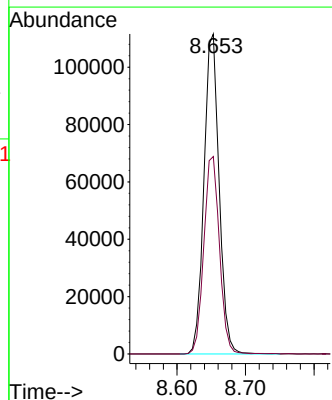
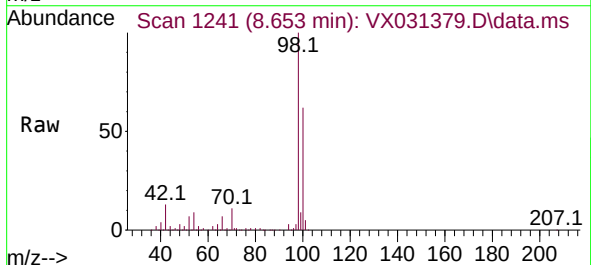
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL02

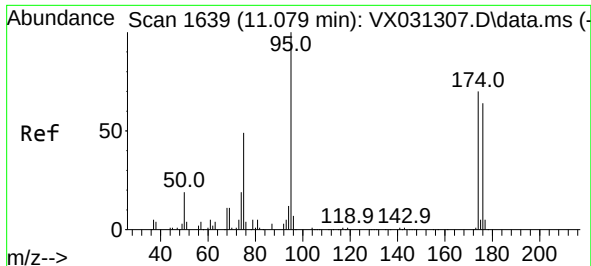
Tgt Ion:117 Resp: 5142
Ion Ratio Lower Upper
117 100
119 7.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

Tgt Ion: 98 Resp: 172045
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7

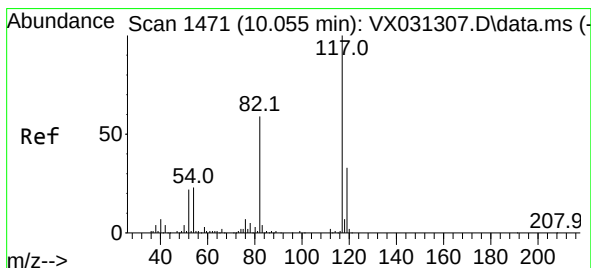
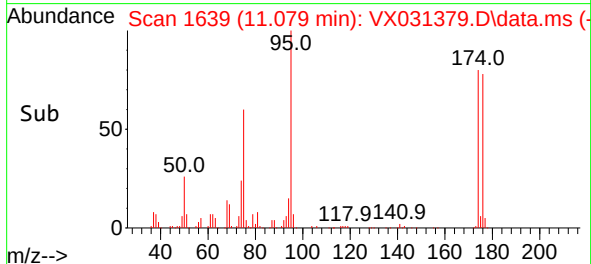
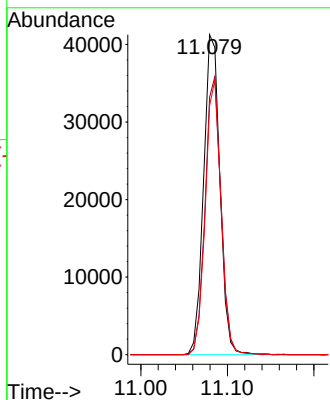
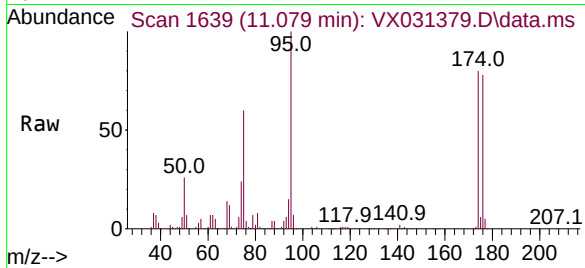




#62
4-Bromofluorobenzene
Concen: 44.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

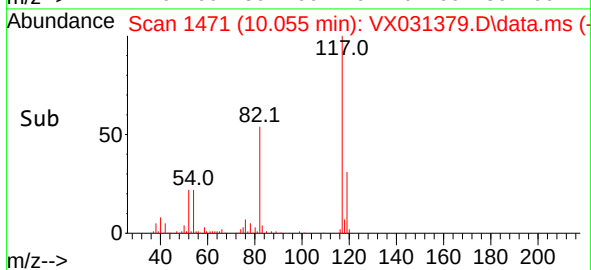
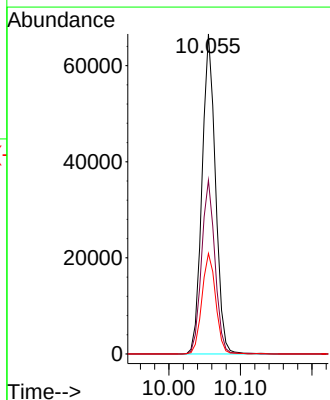
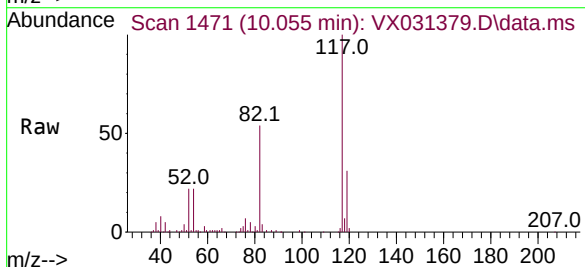
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL02

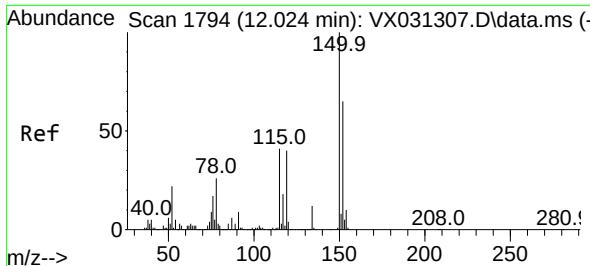
Tgt Ion: 95 Resp: 53901
Ion Ratio Lower Upper
95 100
174 85.0 0.0 153.2
176 82.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031379.D
Acq: 16 Sep 2022 02:19

Tgt Ion: 117 Resp: 86811
Ion Ratio Lower Upper
117 100
82 54.3 46.8 70.2
119 31.4 26.4 39.6

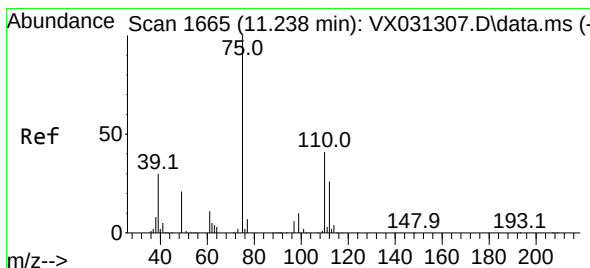
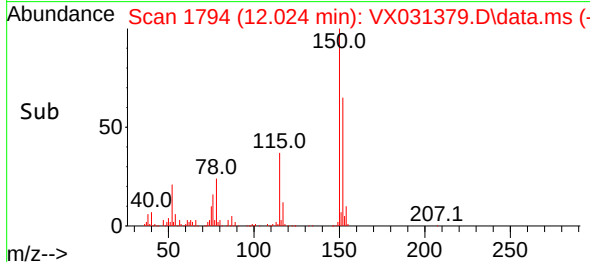
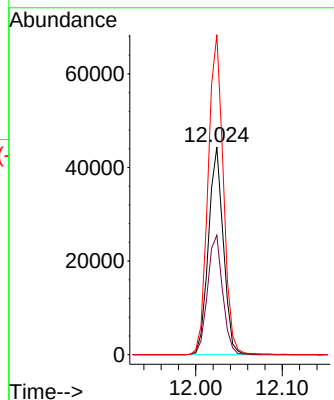
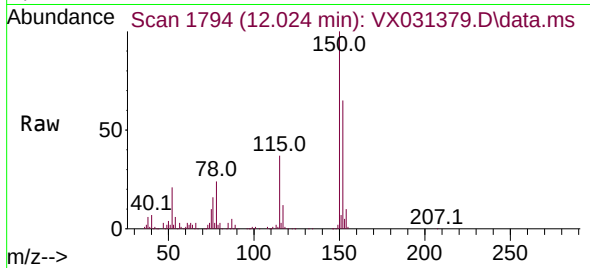




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031379.D
 Acq: 16 Sep 2022 02:19

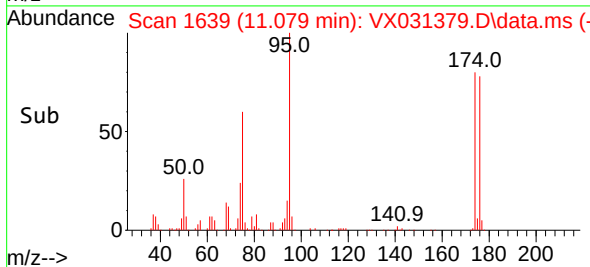
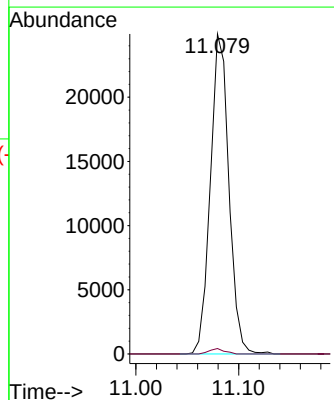
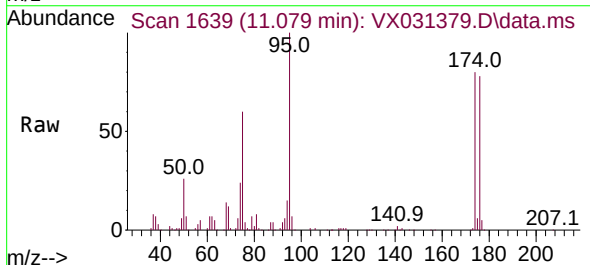
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBL02

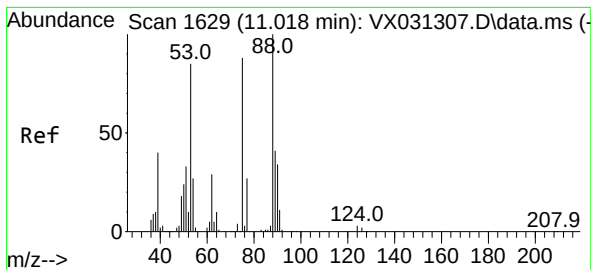
Tgt Ion:152 Resp: 52962
 Ion Ratio Lower Upper
 152 100
 115 58.4 43.4 130.1
 150 157.7 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 23.337 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031379.D
 Acq: 16 Sep 2022 02:19

Tgt Ion: 75 Resp: 31146
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.573 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031379.D
 Acq: 16 Sep 2022 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBL02

Tgt Ion: 75 Resp: 31146
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.3 37.4 56.0#

